

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/013007

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01D29/62

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01D C07K B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94/00217 A (SHURDOV MIKHAIL ARKADIEVICH ;SOKOLOV ANATOLY VASILIEVICH (RU)) 6 January 1994 (1994-01-06) abstract; figures	1,2,5-10
X	EP 1 346 758 A (MALMKVIST AB O) 24 September 2003 (2003-09-24) abstract; claims; figures paragraph '0009! - paragraph '0012!	1,2,5-10
A	US 6 320 025 B1 (CHANG HENG WEI ET AL) 20 November 2001 (2001-11-20) the whole document	1,2,5,7
A	WO 00/66258 A (FINDON ROGER JOHN ;THOMAS IAN GEORGE (GB); AVECIA LTD (GB); WELLIN) 9 November 2000 (2000-11-09) the whole document	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

7 February 2005

Date of mailing of the international search report

15/02/2005

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Information on patent family members

International Application No

PCT/EP2004/013007

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9400217	A	06-01-1994	RU 2033843 C1 WO 9400217 A1	30-04-1995 06-01-1994
EP 1346758	A	24-09-2003	SE 519369 C2 EP 1346758 A2 SE 0200859 A US 2003178376 A1	18-02-2003 24-09-2003 18-02-2003 25-09-2003
US 6320025	B1	20-11-2001	NONE	
WO 0066258	A	09-11-2000	AU 771056 B2 AU 4129200 A CA 2370669 A1 CN 1349428 T EP 1185361 A2 WO 0066258 A2 JP 2002542927 T	11-03-2004 17-11-2000 09-11-2000 15-05-2002 13-03-2002 09-11-2000 17-12-2002